

## CLAIMS

We claim:

1. A method of reconstructing visual stimuli observable through a browser-based interface, comprising:

- 5 receiving a selection of content for reconstruction;  
retrieving data;  
calculating what to display; and  
reconstructing a display.

10 2. The method of claim 1 wherein the data is a network address of online content displayed within a browser window at a point in time.

3. The method of claim 1 wherein the data is a two-dimensional offset of the online content displayed within a browser window.

4. The method of claim 1 wherein the data is a two-dimensional position of a pointing device.

15 5. The method of claim 1 wherein the data comprises textual and binary objects systematically displayed within each browser window.

6. The method of claim 1 wherein the data is a graphical image of online content as displayed in a browser window.

7. The method of claim 1 wherein the data is an inventory of objects that comprise online content, and the two-dimensional position of each object in a browser window.

8. The method of claim 1 wherein the data is a user eye position.

5 9. The method of claim 1 wherein the data is a pupil dilation.

10. The method of claim 1 further comprising retrieving data.

11. The method of claim 1 further comprising calculating the size of a visual area.

10 12. The method of claim 1 further comprising masking an area of a visual area.

13. The method of claim 1 further comprising displaying the visual area.

14. The method of claim 1 wherein data is stored as an article identifiable as an alphanumeric string.

15 15. The method of claim 1 further comprising assigning a unique ID to each parent web page and each child web page.

16. The method of claim 1 wherein calculating calculates the original size and position of each browser window as it was originally displayed.

17. The method of claim 1 further comprising calculating at least a visual area.
18. The method of claim 12 wherein masking is achieved via colorizing.

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19. A data storage device that maintains a method of reconstructing visual stimuli observable through a browser-based interface, by:

receiving a selection of content for reconstruction;

retrieving data;

5 calculating what to display; and

reconstructing a display.

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20. Memory in a computer system that maintains data capable of transforming a computer system into a visual stimuli retrieval system by:

receiving a selection of content for reconstruction;

retrieving data;

5 calculating what to display; and

reconstructing a display.